

Typy bloków oporowych stosowanych na załamaniach trasy

| Średnica nominalna przewodu d mm | Kąt załamania trasy α | Typ bloku | | | | | | | | | | | | | | | | |
|----------------------------------|-----------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|-----------|-----------|-----------|-----------|-------|--|--|
| | | grunt sypki | | | | | | | | grunt spasty | | | | | | | | |
| | | głębokość ułożenia przewodu ¹⁾ H ₁ , m | | | | | | | | | | | | | | | | |
| 100 | 90° | 1,10+1,19 | 1,20+1,29 | 1,30+1,39 | 1,40+1,49 | 1,50+1,59 | 1,60+1,69 | 1,70+1,79 | 1,10+1,19 | 1,20+1,29 | 1,30+1,39 | 1,40+1,49 | 1,50+1,59 | 1,60+1,69 | 1,70+1,79 | I C | | |
| | | I D | | | | I C | | | | II B | | | | I D | | | | |
| | | II H | | II F | | II D | | II C | | II C | | II H | | II F | | | | |
| 150 | 90° | II H | | II F | | II D | | II C | | II C | | II H | | II F | | | | |
| | | II H | | II F | | II D | | II C | | II C | | II H | | II F | | | | |
| | | III I | | III G | | III E | | III C | | IV E | | IV B | | III I | | | | |
| 200 | 90° | III I | | III G | | III E | | III C | | IV E | | IV B | | III I | | III E | | |
| | | III I | | III G | | III E | | III C | | IV E | | IV B | | | | | | |
| | | III I | | III G | | III E | | III C | | IV E | | IV B | | | | | | |
| 250 | 45° | III G | | III E | | III C | | III C | | IV B | | III I | | III G | | III C | | |
| | | III G | | III E | | III C | | III C | | IV B | | III I | | | | | | |
| | | III G | | III E | | III C | | III C | | IV B | | III I | | | | | | |
| 300 | 90° | IV G | | IV E | | IV E | | IV B | | IV B | | V A | | IV G | | IV E | | |
| | | IV G | | IV E | | IV E | | IV B | | IV B | | V A | | | | | | |
| | | IV G | | IV E | | IV E | | IV B | | IV B | | V A | | | | | | |
| 300 | 30° | III G | | III E | | III C | | III C | | III G | | III G | | III I | | III C | | |
| | | III G | | III E | | III C | | III C | | III G | | III I | | | | | | |
| | | III G | | III E | | III C | | III C | | III G | | III I | | | | | | |
| 300 | 45° | IV E | | IV B | | III I | | III G | | III E | | IV G | | IV E | | IV B | | |
| | | IV E | | IV B | | III I | | III G | | III E | | IV G | | | | | | |
| | | IV E | | IV B | | III I | | III G | | III E | | IV G | | | | | | |
| 300 | 90° | V D | | V A | | V A | | IV G | | V F | | V D | | V D | | V D | | |
| | | V D | | V A | | V A | | IV G | | V F | | V D | | | | | | |
| | | V D | | V A | | V A | | IV G | | V F | | V D | | | | | | |
| 400 | 22° 30' | IV B | | III I | | III G | | III E | | IV G | | IV B | | III I | | III G | | |
| | | IV B | | III I | | III G | | III E | | IV G | | IV B | | | | | | |
| | | IV B | | III I | | III G | | III E | | IV G | | IV B | | | | | | |
| 400 | 30° | IV G | | IV E | | IV B | | III I | | V A | | IV G | | IV E | | IV E | | |
| | | IV G | | IV E | | IV B | | III I | | V A | | IV G | | | | | | |
| | | IV G | | IV E | | IV B | | III I | | V A | | IV G | | | | | | |
| 400 | 45° | V D | | V A | | IV G | | IV G | | V F | | V D | | V A | | V A | | |
| | | V D | | V A | | IV G | | IV G | | V F | | V D | | | | | | |
| | | V D | | V A | | IV G | | IV G | | V F | | V D | | | | | | |
| 400 | 90° | VI C | | VI B | | VI A | | V F | | VI E | | VI D | | VI B | | VI A | | |
| | | VI C | | VI B | | VI A | | V F | | VI E | | VI D | | | | | | |
| | | VI C | | VI B | | VI A | | V F | | VI E | | VI D | | | | | | |

1) głębokość H₁ - dla kolan